

## **VECTORS, MUTANT VIRUSES AND METHODS FOR GENERATING MUTANT VIRUSES**

### **ABSTRACT**

A nucleic acid vector comprising first and second nucleotide sequences corresponding to nucleotide sequences flanking an insertion site in the genome of a selected herpes simplex virus strain; and a cassette located between said first and second nucleotide sequences comprising nucleic acid encoding: (a) one or a plurality of insertion sites and/or a nucleotide sequence of interest; and (b) a ribosome binding site or a regulatory nucleotide sequence; and (c) a marker is disclosed. Herpes simplex viruses generated using said vector, methods for their generation and herpes simplex viruses having a genome comprising heterologous nucleic acid are also disclosed.